

REMARKS

Favorable reconsideration of the application is respectfully requested in light of the amendments and remarks herein.

Applicants acknowledge with appreciation that the Examiner has indicated that claims 10-11, 21-22, 37-38, and 48-49 are allowable.

By this amendment, claims 8, 12, 19, 27, 35, and 46 have been amended. Claims 1-49 remain pending.

§102 Rejection of Claims 1-2, 6-9, 12-13, 17-20, 23-29, 30, 34-36, 39-40, and 44-47

In Section 2 of the Office Action, the Examiner has rejected claims 1-2, 6-9, 12-13, 17-20, 23-29, 30, 34-36, 39-40, and 44-47 under 35 U.S.C. §102(e) as being unpatentable over Garland (U.S. Patent 6,366,359; hereinafter referred to as “Garland”). This rejection is respectfully traversed below.

Regarding claim 1, as shown above, claim 1 calls for:

1. (Original) A digital broadcasting reception system comprising a receiver for receiving digital broadcasting, a display for displaying the images of the digital broadcasting received by said receiver and a printer for printing images contained in the digital broadcasting received by said receiver;
said receiver, said display and said printer being connected to each other by way of a first signal transmission means for transmitting digital signals;
said receiver having:
a reception means for receiving digital broadcasting;
an imaging means for generating video data by performing a predetermined imaging operation according to the received signals of digital broadcasting; and

an output means for transmitting the video data generated by said imaging means by way of said first signal transmission means;

said printer having:

a reception means for receiving video data transmitted by said first signal transmission means; and

a printing means for printing the images of the video data received by said reception means.

Accordingly, in one aspect of claim 1, the receiver sends video data to the display and to the printer across one signal transmission means, so the printer receives the video data across the same connection as the display.

Considering the argument and explanation presented by the Examiner in Section 2 of the Office Action in rejecting claim 1 over Garland, it does not appear that the Examiner has established how Garland shows sending video data to a display and a printer across the same signal transmission means. The Examiner refers to Figure 2 of Garland, apparently arguing that Figure 2 on its face discloses claim 1. However, in Figure 2 of Garland, it appears that the display means 208 and the printing means 216 do not receive data from the same connection. Instead, in Figure 2, it appears that display means 208 receives data to display from the synchronizing means 206 and the printing means 216 receives data to print from the second decompressor 214. Therefore, the Examiner's explanation appears to address a system where a display and a printer receive data across respective connections, not across the same connection as called for in claim 1.

Accordingly, it does not appear that the Examiner has established how Garland, as referenced by the Examiner in rejecting claim 1, shows or suggests at least these aspects of claim 1, and so it is submitted that the Examiner has not established how Garland shows or suggests claim 1 as a whole. Claims 2-11 depend from claim 1, and it is also submitted that the Examiner

has not established how Garland shows or suggests claims 2-11, through their dependence on claim 1. Similar arguments apply to claims 12, 23, 30, and 39, and so to claims 13-22 that depend from claim 12, to claims 24-29 that depend from claim 23, to claims 31-38 that depend from claim 30, and to claims 40-49 that depend from claim 39.

Regarding claim 6, as shown above, claim 6 calls for:

6. (Original) The digital broadcasting reception system according to claim 1, wherein
 said imaging means generates display video data to be used for displaying images on said display and printing video data to be used for printing images by said printer;
 said output means being adapted to transmit said display video data and said printing video data by way of said first signal transmission means; and
 said printer includes a video data extracting means for extracting the printing video data out of the display video data and the printing video data transmitted by way of said first signal transmission means.

Accordingly, in claim 6, the display video data and the printing video data is transmitted through the same signal transmission means. The printer includes video data extracting means that extracts the printing video data out of the display video data and printing video data transmitted together through the signal transmission means. Therefore, the printer receives both display video data and printing video data.

Considering the argument and explanation presented by the Examiner in Section 2 of the Office Action in rejecting claim 6 over Garland, it does not appear that the Examiner has established how Garland shows transmitting video data or a printer including video data extracting means as called for in claim 6. The Examiner refers to items 214, 208, and 216 of Figure 2 of Garland, apparently arguing that these items of Figure 2 disclose all of claim 6. These items are the second decompressor 214, display means 208, and printing means 216 of

Figure 2. However, it does not appear that the Examiner has explained how these items as shown in Figure 2 of Garland show that the printing means 216 receives display printing video data and printing video data and then extracts the printing video data. At a minimum, it does not appear that the Examiner has explained how these items of Figure 2 show that the printing means 216 includes video extracting means as called for in claim 6.

Accordingly, it does not appear that the Examiner has established how Garland, as referenced by the Examiner in rejecting claim 6, shows or suggests at least these aspects of claim 6, and so it is submitted that the Examiner has not established how Garland shows or suggests claim 6 as a whole. Claim 7 depends from claim 6, and it is also submitted that the Examiner has not established how Garland shows or suggests claim 7, through its dependence on claim 6. Similar arguments apply to claims 17, 34, and 44, and so to claim 18 that depends from claim 17, and to claim 45 that depends from claim 44.

Regarding claim 8, as shown above, claim 8 calls for:

8. (Original) The digital broadcasting reception system according to claim 1, wherein
said receiver and said printer are connected to each other by way of a second signal transmission means showing a data transmission rate lower than said first signal transmission means;
said receiver and said printer being provided with respective transmission/reception means for transmitting and receiving code data containing a quantity of information smaller than said video data.

Accordingly, in claim 8, the receiver and the printer are connected by two signal transmission means: a high speed connection and a low speed connection. The printer receives video data from the receiver across the high speed connection. The printer receives code data (containing a quantity of information smaller than the video data) from the receiver across the low speed connection.

Considering the argument and explanation presented by the Examiner in Section 2 of the Office Action in rejecting claim 8 over Garland, it does not appear that the Examiner has established how Garland shows a receiver and a printer connected by two connections having different data rates as called for in claim 8. The Examiner refers to item 206 of Figure 2 of Garland, apparently arguing that the synchronizing means of Figure 2 discloses all of claim 8. However, it does not appear that the Examiner has explained how the synchronizing means 206 as shown in Figure 2 of Garland shows two connections to the printing means having different data rates. At a minimum, it does not appear that the Examiner has explained how Figure 2 addresses data rates at all.

Accordingly, it does not appear that the Examiner has established how Garland, as referenced by the Examiner in rejecting claim 8, shows or suggests at least these aspects of claim 8, and so it is submitted that the Examiner has not established how Garland shows or suggests claim 8 as a whole. Claims 9-11 depend from claim 8, and it is also submitted that the Examiner has not established how Garland shows or suggests claims 9-11, through their dependence on claim 8. Similar arguments apply to claims 19, 27, 35, and 46, and so to claims 20-22 that depend from claim 19, to claims 28-29 that depend from claim 27, to claims 36-38 that depend from claim 35, and to claims 47-49 that depend from claim 46.

Based upon the foregoing, it is submitted that claims 1-2, 6-9, 12-13, 17-20, 23-29, 30, 34-36, 39-40, and 44-47 are not anticipated by nor rendered obvious by the teachings of Garland, as presented and referenced by the Examiner. Accordingly, it is submitted that the Examiner's rejection of claims 1-2, 6-9, 12-13, 17-20, 23-29, 30, 34-36, 39-40, and 44-47 based upon 35 U.S.C. §102(e) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§103 Rejection of Claims 3-5, 14-16, 31-33, and 41-43

In Section 4 of the Office Action, the Examiner has rejected claims 3-5, 14-16, 31-33, and 41-43 under 35 U.S.C. §103(a) as being unpatentable over Garland in view of Ito et al. (U.S. Patent 6,529,522; hereinafter referred to as "Ito"). This rejection is respectfully traversed below.

Claims 3-5 depend from claim 1. As discussed above, it is submitted that the rejection to claim 1 has been overcome. Therefore, it is respectfully submitted that the rejection to claims 3-5 has also been overcome through the dependence of claims 3-5 on claim 1.

Claims 14-16 depend from claim 12. As discussed above, it is submitted that the rejection to claim 12 has been overcome. Therefore, it is respectfully submitted that the rejection to claims 14-16 has also been overcome through the dependence of claims 14-16 on claim 12.

Claims 31-33 depend from claim 30. As discussed above, it is submitted that the rejection to claim 30 has been overcome. Therefore, it is respectfully submitted that the rejection to claims 31-33 has also been overcome through the dependence of claims 31-33 on claim 30.

Claims 41-43 depend from claim 39. As discussed above, it is submitted that the rejection to claim 39 has been overcome. Therefore, it is respectfully submitted that the rejection to claims 41-43 has also been overcome through the dependence of claims 41-43 on claim 39.

Based upon the foregoing, it is submitted that claims 3-5, 14-16, 31-33, and 41-43 are not anticipated by nor rendered obvious by the teachings of Garland and Ito, as presented and referenced by the Examiner. Accordingly, it is submitted that the Examiner's rejection of claims 3-5, 14-16, 31-33, and 41-43 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

Allowable Subject Matter

In Section 5 of the Office Action, the Examiner has objected to claims 10-11, 21-22, 37-38, and 48-49 as being dependent on a rejected base claim. As discussed above, it is submitted that the rejections to claims 1, 12, 23, 30, and 39 have been overcome, and so it is respectfully requested that this objection to claims 10-11, 21-22, 37-38, and 48-49 be withdrawn.

Conclusion

In view of the foregoing, entry of this amendment, and the allowance of this application with claims 1-49 is respectfully solicited.

In regard to the claims amended herein and throughout the prosecution of this application, it is submitted that these claims, as originally presented, are patentably distinct over the prior art of record, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

In the event that additional cooperation in this case may be helpful to complete its prosecution, the Examiner is cordially invited to contact Applicants' representative at the telephone number written below.

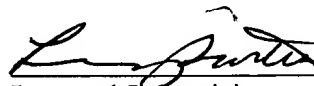
PATENT
Serial No. 09/706,116
Attorney Docket No. 450100-02829

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account 50-0320.

Respectfully submitted,

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